

Office

DATE: SEPTEMBER 16, 1994
SUBJECT: POLREP #2 - REMOVAL ACTION
SITE NAME: TRANSFORMER DISPOSAL AREA SUPERFUND SITE
LOCATION: COVENTRY/WEST GREENWICH, RI
POLLUTANT: POLYCHLORINATED BIPHENYL (PCB)
OCCURRENCE DATE: DECEMBER 1991
MEDIA AFFECTED: SOIL
SEVERITY: HIGH
CATEGORY: INLAND/NONTRANSPORTATION
SOURCE/CAUSE: UNAUTHORIZED DISPOSAL
CERCLIS ID #: RID987492618
SITE ID NUMBER: Y2
REGION: I
OSC: PAUL R. GROULX
US ENVIRONMENTAL PROTECTION AGENCY
SITE EVALUATION & RESPONSE SECTION I
EMERGENCY PLANNING & RESPONSE BRANCH
LEXINGTON, MA 02173
(617) 860-4308

Superfund Records Center
SITE: Transformer Disposal Area
BREAK: 2.4
OTHER: 665266

LATEST POLREP: JULY 25, 1994

I. Background: (See POLREP #1)

II. Site Location and Description: (See POLREP #1)

III. Removal Action:

Throughout the course of site activities detailed in this section, the EPA OSC was in constant contact with the Rhode Island Department of Environmental Management's (RIDEM) designated site representative. RIDEM personnel made numerous site visits and supported EPA activities.

July 18, 1994 - The US EPA Region I ERCS prime contractor, OHM Remediation Corporation, mobilized to the Site to commence the removal action involving the excavation of PCB contaminated soil.

During the first two weeks on-site, Area II of the Site (an area approximately 20 feet by 150 feet and one of two locations where the transformers were dumped) was excavated, backfilled and the access road closed according to the work plan thereby completing the cleanup of that area. In Area I, which is the larger area and is approximately 30 feet by 300 feet, excavation was begun. During the Area I excavation phase, it was determined that a limited area was contaminated to greater depths due to the different gravel and stratified layers of sand. This area of high concentration was eventually determined to be approximately 20 feet by 30 feet in size and was not delineated during the initial Comprehensive Site Investigation due to the state's previous excavation activities and the installation of a temporary sand surface cover.



August 5, 1994 - Based on new information, this area of high concentrations was defined. The OSC temporarily suspended Site operations to reassess the situation and to re-bid transportation, disposal and analytical subcontracts. The revised estimates required additional disposal volumes of contaminated soils as well as increased support.

August 6, 1994 - August 21, 1994 - Based on analytical data generated from ongoing field screening results, a revised excavation plan was developed and implemented for continued corrective action. Additional roll-off containers for storage and transport were procured by OHM. Site security was maintained on a 24-hour basis during the work suspension.

August 22, 1994 - August 26, 1994 - Excavation activities now focused on the point-source plume in Area I. A portable Gas Chromatograph was operated on-site by the Technical Assistance Team (TAT) to screen soil samples and thereby accelerate and direct the cleanup by obtaining results within a one to two hour turnaround time. Based on the screening results obtained, the point-source plume was excavated to a depth of 17 feet and 2 inches. Confirmatory clearance samples were collected from the excavated area on Friday, August 26, 1994 to confirm cleanup levels. Non-detect results of the excavated area was obtained by the field screening method indicating complete cleanup.

August 29, 1994 - September 2, 1994 - The southern section of Area 1 was excavated to a depth of approximately 1 foot. Screening samples determined non-detection in that area and confirmatory clearance samples were collected from the southern and northern sections of Area I. RIDEM representatives were also on-site to collect state confirmatory samples from Area I. The access road leading to Area I was excavated to approximately 6 inches based on screening sampling results. Soil screening samples results were non-detect from samples collected in the vicinity of the roll-off staging area. Area I was backfilled and boulders placed in the access roadway to prevent future access and dumping. The ERCS contractor demobilized from the Site on Friday, September 2, 1994.

Summary:

During the Site excavation, approximately 300 Phase I soil screening samples were collected and analyzed by Rhode Island Analytical Laboratories Inc. (RIAL).

Certified Labs analyzed approximately 60 samples under the Phase II sampling protocol for confirmatory clearance and for QA /QC of the Phase I screening analysis.

Excavation generated 30 roll offs of contaminated soil that were manifested and transported for disposal to EnviroSAFE in Idaho and Chem Waste in Model City, NY.

Over 750 cubic yards of gravel were utilized to backfill the two excavated areas.

September 2, 1994 - On-site field activities have ceased. All personnel, equipment and affiliated resources were demobilized at 5PM. The Site has been cleaned up and secured as set forth in the Action Memorandum and the EPA Office of Emergency and Remedial Response Hazardous Site Control Division (OS-220) Directive 9355.4-01 FS.

IV. Financial:

June 17, 1994 - The initial Delivery Order was issued to the ERCS prime contractor, OHM Remediation Services Corp., for \$200,000 to commence the removal action at the Site.

August 1, 1994 - ERCS Mod #1 - increase to the delivery order for \$50,000 to the existing ERCS Delivery Order.

August 25, 1994 - ERCS Mod #2 - increase to the delivery order for \$50,000 to the existing ERCS Delivery Order.

Estimated cost pending final invoicing by contractors.

	CEILING	OBLIGATION	BALANCE
ERCS	\$300,000	\$240,000	\$ 60,000
TAT	\$ 88,000	72,000	\$ 16,000
CONTINGENCY	\$ 82,000	\$ --0--	\$ 82,000
INTRAMURAL	<u>\$ 60,000</u>	<u>\$ 36,000</u>	<u>\$ 24,000</u>
TOTAL	\$530,000	\$348,000	\$182,000

TOTAL PROJECT CEILING: \$530,000

August 29, 1994 - Invoice #1 certified for \$18,379.08.

V. Future Plans

Project Close out is anticipated to be completed by October 30, 1994.

- OSC Report to be completed and distributed within the next 30 days.
- The EPA ERCS prime contractors OHM Remediation Corporation draft deliverable "Excavation Report" is due within the next 14 days with a final report in twenty days. This report will contain excavation notes, sampling plan, methodology, method analysis and data tables to document and substantiate the cleanup at the Site.

CASE PENDING

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Date and Polrep #: Project: TRANSFORMER DISPOSAL AREA SITE *Dist abday vrc/ch* **Revised 06/10/94**

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(LAM to Paul G.)